DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL COORDINATOR
450 110th Ave NE., P.O. BOX 90012
BELLEVUE, WA 98009-9012

OPTIONAL DETERMINATION OF NON-SIGNIFICANCE (DNS) NOTICE MATERIALS

The attached materials are being sent to you pursuant to the requirements for the Optional DNS Process (WAC 197-11-355). A DNS on the attached proposal is likely. This may be the only opportunity to comment on environmental impacts of the proposal. Mitigation measures from standard codes will apply. Project review may require mitigation regardless of whether an EIS is prepared. A copy of the subsequent threshold determination for this proposal may be obtained upon request.

File No. 19-102850-LO

Project Name/Address: City of Bellevue Transportation - Rockery Replacement

Planner: Peter Rosen

Phone Number: 425-452-5210

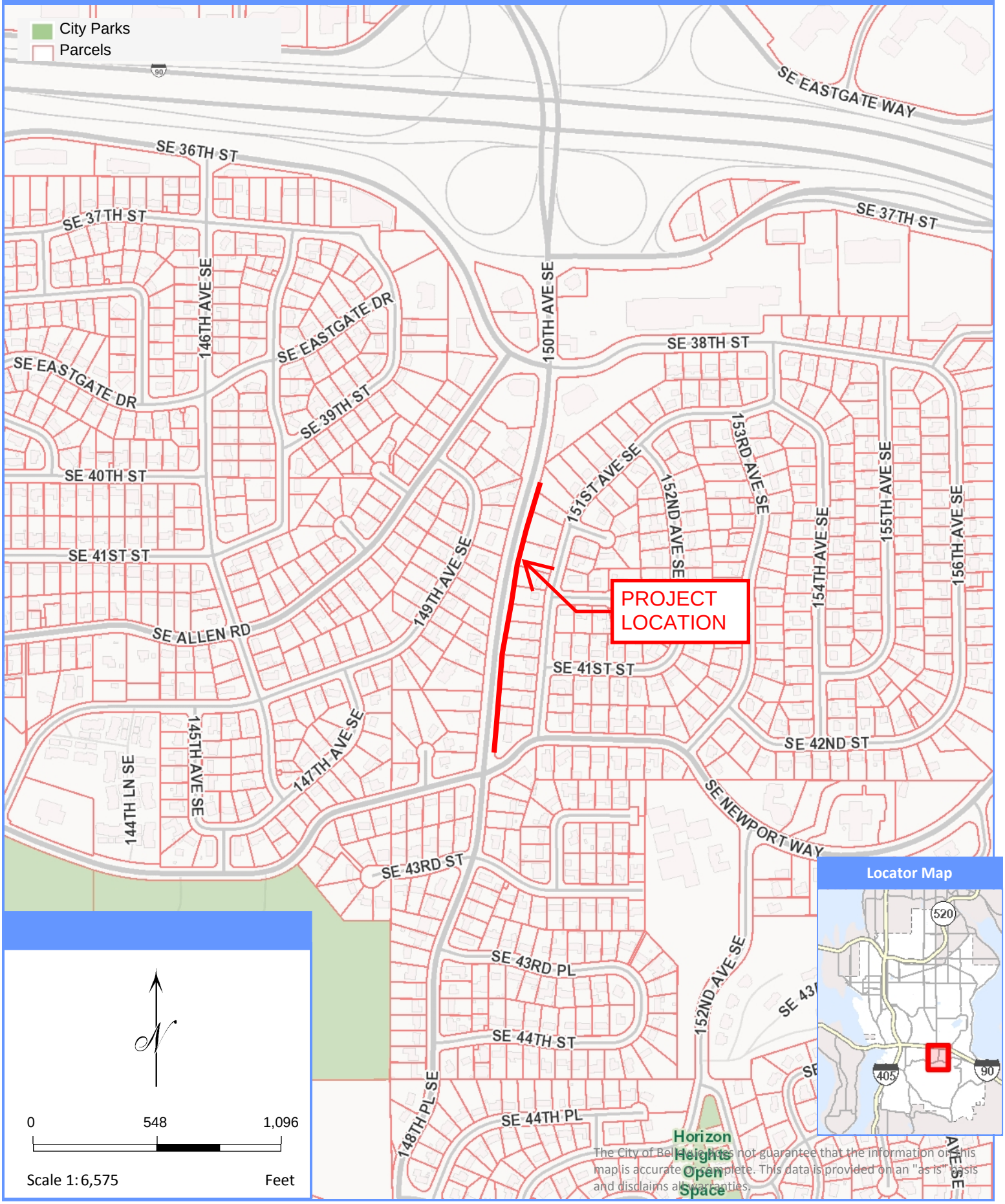
Minimum Comment Period: February 7, 2019

Materials included in this Notice:

☒ Blue Bulletin
☒ Checklist
☒ Vicinity Map
☐ Plans
☐ Other:

OTHERS TO RECEIVE THIS DOCUMENT:
☒ State Department of Fish and Wildlife / Sterwart.Reinbold@dfw.gov; Christa.Heller@dfw.wa.gov;
☒ State Department of Ecology, Shoreline Planner N.W. Region / Jobu461@ecy.wa.gov; sepaunit@ecy.wa.gov
☒ Army Corps of Engineers Susan.M.Powell@nws02.usace.army.mil
☒ Attorney General ecyolyef@atg.wa.gov
☒ Muckleshoot Indian Tribe Karen.Walter@muckleshoot.nsn.us; Fisheries.fileroom@muckleshoot.nsn.us

VICINITY MAP



Map Generated on: 08/30/2018

DEVELOPMENT SERVICES DEPARTMENT
450 110TH AVENUE NE
BELLEVUE, WA 98009-9012

Environmental Checklist reviewed by Peter Rosen (PR) 1/22/2019

SEPA Environmental Checklist

If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit the Land Use Desk in the Permit Center between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4) or call or email the Land Use Division at 425-452-4188 or landusereview@bellevuewa.gov. Assistance for the hearing impaired: Dial 711 (Telecommunications Relay Service).

Purpose of checklist:
The City of Bellevue uses this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:
This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies and reports. Please make complete and accurate answers to these questions to the best of your ability in order to avoid delays.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The City may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

PLEASE REMEMBER TO SIGN THE CHECKLIST. Electronic signatures are also acceptable.

A. Background [help]

1. Name of proposed project, if applicable: [help]
   150th Avenue SE – SE Newport Way to SE 38th St Roadway Improvements

2. Name of applicant: [help]
   Daniel Lam

3. Address and phone number of applicant and contact person: [help]
   450 110th Ave NE, Bellevue, WA, 98004
   425-452-2063

4. Date checklist prepared: [help]
   December 13, 2018

5. Agency requesting checklist: [help]
   City of Bellevue

6. Proposed timing or schedule (including phasing, if applicable): [help]
   Construction is anticipated for early spring.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [help]
   No plans for additional expansion or other activities related to this proposal are in place as this time.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [help]
   Draft in process for a Critical Areas Report for Steep Slopes by David Evans and Associates.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. [help]
   Does not apply.

10. List any government approvals or permits that will be needed for your proposal, if known. [help]
    - *Clear and Grade permit*
    - *Right of Way Use permit*
    - *Critical Areas Land Use permit (for steep slopes)*

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) [help]
    This project will replace the existing rockery along the east side of 150th Ave SE with an engineered gravity block wall. After conducting a geotechnical investigation, the rockery was recommended for immediate replacement as it is a risk to public

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safety. The existing adjacent curb and asphalt walkway will be replaced with a new cement concrete curb, gutter, and sidewalk.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. [help]
East side of 150th Ave SE from 3939 151st Ave SE to SE Newport Way.

Township 24 N, Range 5 E, Section 14

B. Environmental Elements [help]

1. Earth [help]

a. General description of the site: [help] (select one): ☐Flat, ☒rolling, ☐hilly, ☒steep slopes, ☐mountainous, other: *The project site generally slopes to the north; slopes range from approximately 4 to 7%. Steep slopes exist behind the rockery ranging from approximately 50 to 84%.*

b. What is the steepest slope on the site (approximate percent slope)? [help]
The steepest slope on the site is approximately 84%.

The steep slopes will be removed as part of this project with a new proposed slope of 33%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [help]
Soils in the area generally consist of silty sands with gravel.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [help]
None.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [help]
There will be an estimated 1500 CY of material removed from the site to construct the new engineered wall and to replace the asphalt walkway and curb.

There will be an estimated 1500 CY of fill material used for backfilling the new engineered wall and grading the new slope behind the proposed wall.

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Fill material will be provided from a City of Bellevue approved source.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [help]
Yes, erosion could potentially occur during construction. Erosion BMPs will be employed and inspected during construction in accordance with City standards and the project Construction Stormwter Pollution Prevention Plan (CSWPPP).

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? [help]
Currently, the site is approximately 80% covered with impervious surfaces. After this project, the site will be approximately 82% covered with impervious surfaces.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [help]
Erosion and sedimentation will be controlled through the implementation of Best Management Practices (BMPs) as described in the State Department of Ecology's Stormwater Management Manual for the Puget Sound Basin, and according to City of Bellevue clearing and grading requirements, and the project Construction Stormwater Pollution Prevention Plan (CSWPPP). The primary BMP to be used include silt fences, catch basin inserts, and plastic covering. BMP's will be in place prior to beginning any clearing activity.

Project will comply with erosion and sediment controls per BCC 23.76

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [help]
Project construction activities could generate onsite dust from equipment operation, but these effects are anticipated to be temporary, minor, and largely contained at and within short distances from the proposed project site. Construction equipment and vehicles will generate minor amounts of localized carbon monoxide, and other products of combustion and particulate emissions. These emissions would only slightly degrade local air quality and on a temporary basis.

There will be no change in land use in the vicinity as a result of the project. Thus, in the long term no reduction in air quality is expected.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [help]
None.

c. Proposed measures to reduce or control emissions or other impacts to air, if any: [help]

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Best Management Practices will be implemented during construction activities to reduce and control air emissions. These practices may include covering soil stockpiles, sweeping or washing street surfaces, minimizing exposed areas, and using construction machinery equipped with standard mufflers.

3. Water [help]

a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. [help]
No streams or wetlands were identified in the project area.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. [help]
Not applicable, no streams or wetlands occur in the project area or within 200 feet of the project area.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [help]
Not applicable, no waterways or wetlands occur in the project area.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [help]
The proposal will not require surface water withdrawals or diversions.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [help]
The proposed project does not lie within a 100-year floodplain.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [help]
The proposed project does not involve discharge of waste material to surface waters.

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [help]
No groundwater will be withdrawn and no discharges will occur to groundwater as part of, or as a result of, the project.

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2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals…; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. [help]
No waste materials will be discharged to the ground, groundwater, or any part of the project location as a result of the project.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [help]
The project is located in an area with pervious (landscaped) and impervious (paved) ground areas. The project includes one threshold discharge area (TDA).

The runoff will sheet flow to the existing curb and gutter towards a downstream catch basin. Drainage is conveyed to a catch basin and detention pond that outfalls to Vasa Creek.

2) Could waste materials enter ground or surface waters? If so, generally describe. [help]
Release of waste material from construction activities could potentially occur from accidental fuel leaks or spills, but is not likely. During construction, BMPs for spill prevention, and erosion and sediment control will be implemented.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [help]
The proposal maintains the existing drainage pattern of the site.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [help]
None.

Project will comply with erosion and sediment controls per BCC 23.76

4. Plants [help]

a. Check the types of vegetation found on the site: [help]
☒deciduous tree: alder, maple, aspen, other: *Click here to enter text.*
☒evergreen tree: fir, cedar, pine, other: *Click here to enter text.*
☒shrubs
☒grass
☐pasture
☐crop or grain
☐Orchards, vineyards or other permanent crops.
☐wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other: *Click here to*

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enter text.

☐water plants: water lily, eelgrass, milfoil, other: *Click here to enter text.*

☐other types of vegetation: *Click here to enter text.*

b. What kind and amount of vegetation will be removed or altered? [help]
There will be removal of some trees, grass, and shrubs.

38 significant trees would be removed

c. List threatened and endangered species known to be on or near the site. [help]
None.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [help]
The project will replace the disturbed landscaping (trees, shrubs, etc.) with in kind.

76 replacement trees proposed

e. List all noxious weeds and invasive species known to be on or near the site. [help]
None.

5. Animals [help]

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. [help]

Examples include:

birds: ☐hawk, ☐heron, ☐eagle, ☐songbirds, other: *Click here to enter text.*
mammals: ☐deer, ☐bear, ☐elk, ☐beaver, other: *Click here to enter text.*
fish: ☐bass, ☐salmon, ☐trout, ☐herring, ☐shellfish, other: *Click here to enter text.*

b. List any threatened and endangered species known to be on or near the site. [help]
WDFW's Priority Habitat Species on the Web does not identify any threatened or endangered species on or near the project site.

c. Is the site part of a migration route? If so, explain. [help]
WDFW's Priority Habitat Species on the Web does not identify any migration routes within the project area.

d. Proposed measures to preserve or enhance wildlife, if any: [help]
No in-water work will occur and BMPs will control construction materials and sediment erosion. Landscaping is proposed, and will maintain or improve habitat conditions for wildlife.

e. List any invasive animal species known to be on or near the site. [help]
None known.

6. Energy and Natural Resources [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet

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the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [help]
Fossil fuels will be consumed to operate construction equipment and maintenance vehicles. The completed project will require no energy.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [help]
No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [help]
None.

7. Environmental Health [help]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. [help]
Potential environmental health hazards could include spills of fuel, oil, lubricants, and solvents used during construction. Spills pose a temporary threat to construction workers and nearby individuals if they become directly exposed, although the likelihood of nearby individuals being exposed is minimal during construction.

1) Describe any known or possible contamination at the site from present or past uses. [help]
No potential sources of contamination were identified in the vicinity of the project site.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. [help]
None.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. [help]
Equipment fuels, oils, and liquids will be on site during construction and will be removed after project completion.

4) Describe special emergency services that might be required. [help]
No special emergency services will be required. PSEG (1-800-424-7734) will be contacted if the contractor hits/damage gas utilities or power lines, and/or smells natural gas from suspected leak.

5) Proposed measures to reduce or control environmental health hazards, if any: [help]
BMPs will be in place to ensure any minor spillage of equipment liquids (fuel, oil, etc.)is properly contained and

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disposed of. Any spill of materials such as diesel fuel and lubricating oil will be cleaned up immediately. Refueling during construction will be performed away from storm conveyance facilities.

b. Noise [help]

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [help]
Existing noise sources in the area are primarily from vehicular traffic. Noise levels in the project area will not affect the proposed project.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indi-cate what hours noise would come from the site. [help]
On a short-term basis, noise will be generated from the construction equipment. Construction hours are typically 7:00 AM to 5:00 PM; however, hours are determined on a project-by-project basis.

3) Proposed measures to reduce or control noise impacts, if any: [help]
To control noise impacts to adjacent businesses, the construction hours are limited to daytime hours and in accordance with City noise ordinances. Additionally, standard mufflers will be used on all construction equipment to reduce noise impacts.

Noise from construction activity is limited to the hours between 7 a.m. to 6 p.m. on weekdays and 9 a.m. to 6 p.m. on Saturdays and prohibited on Sundays and other legal holidays (BCC 9.18)

8. Land and Shoreline Use [help]

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [help]
The project site consists of roadways and associated right-of-ways. Adjacent property uses include residential. The proposal will not affect the current land uses on nearby or adjacent properties.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [help]
The project site consists of roadways and associated right-of-ways. It may have been used for agriculture in the past. No agricultural or forest land of long-term commercial significance will be converted to other uses.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: [help]
No.

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c. Describe any structures on the site. [help]
None.

d. Will any structures be demolished? If so, what? [help]
Current structures and development on the site includes the roadway and driveways associated with adjacent residential properties.

e. What is the current zoning classification of the site? [help]
Residential (R-5, 5 dwellings per acre.

f. What is the current comprehensive plan designation of the site? [help]
The current comprehensive plan designation is single-family residential.
Single-Family High (SF-H)

g. If applicable, what is the current shoreline master program designation of the site? [help]
The project site is not within a shoreline management area.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [help]
The slopes behind the rockery have been classified as a crtical area due to steep slopes.

i. Approximately how many people would reside or work in the completed project? [help]
None.

j. Approximately how many people would the completed project displace? [help]
None.

k. Proposed measures to avoid or reduce displacement impacts, if any: [help]
Not applicable.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [help]
The proposed project will not affect existing or projected land use.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any: [help]
Since the proposed project will not affect nearby agricultural and forest lands of long term commercial significance, no measures are proposed.

9. Housing [help]

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [help]
None.

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b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [help]
None.

c. Proposed measures to reduce or control housing impacts, if any: [help]
Not applicable.

10. Aesthetics [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [help]
The proposed height of the wall will be a maximum of 8.5 feet.

b. What views in the immediate vicinity would be altered or obstructed? [help]
None.

c. Proposed measures to reduce or control aesthetic impacts, if any: [help]
Not applicable.

11. Light and Glare [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [help]
None.

b. Could light or glare from the finished project be a safety hazard or interfere with views? [help]
None.

c. What existing off-site sources of light or glare may affect your proposal? [help]
None.

d. Proposed measures to reduce or control light and glare impacts, if any: [help]
Not applicable.

12. Recreation [help]

a. What designated and informal recreational opportunities are in the immediate vicinity? [help]
Eastgate Park and the South Bellevue Community Center is less than ¼ miles southwest of the project area.

b. Would the proposed project displace any existing recreational uses? If so, describe. [help]
Proposed project activities are limited to the existing road right-of-way and residential properties, and will not displace any existing recreational use.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [help]
No recreational impacts will occur and no measures to reduce

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or control impacts are proposed.

13. Historic and cultural preservation [help]

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [help]
The Washington Information System for Architecural and Archaeological Records Data (WISAARD) does not identify any eligible properties in the project area.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [help]
There are no known artifacts or areas of cultural importance in or near the project area.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [help]
Consultation has been completed with the Washington Department of Archaeology and Historic Preservation, and the City has initiated consultation with affected Tribes.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. [help]
If any archaeological artifact is uncovered or discovered during construction, the Sate Historical Preservation Officer will be notified immediately. No additional work would be performed on the site until all archaeological investigations are completed.

14. Transportation [help]

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [help]
The project consists of improvements to 150th avenue SE.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [help]
Bus routes 246 and 271 operate on 150th avenue SE. There is one transit stop approximately 400 feet north of the project site.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [help]
The project will not add or eliminate any parking spaces. No parking currently exists along the roadway.

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d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [help]
The project will provide pedestrian improvements along 150th avenue SE. The existing walkway will be widened from 4 feet to 6 feet.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [help]
The project will not use or occur in the vicinity of any water, rail or air transportation.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [help]
The completed project is not expected to change the number of vehicle trips in the project area or vicinity.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. [help]
The project will not interfere with, affect, or be affected by the movement of agricultural and forest products.

h. Proposed measures to reduce or control transportation impacts, if any: [help]
None proposed.

15. Public Services [help]

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [help]
The project will not increase the nearby population or traffic and will not generate a need for additional public services at the site. The City will provide continued maintenance of the sidewalk and wall.

b. Proposed measures to reduce or control direct impacts on public services, if any. [help]
None. The project will not result in an increased need for public services.

16. Utilities [help]

a. Circle utilities currently available at the site: [help]
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other
Electricity, gas, water, sanitary sewer.

c. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [help]

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Storm drainage system will be modified to accommodate the underain pipe behind the wall.

C. Signature [help]

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:_____

Name of signee: *Daniel Lam*
Position and Agency/Organization: *Design Engineer, City of Bellevue*
Date Submitted: *December 13, 2018*

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CITY OF BELLEVUE
TRANSPORTATION DEPARTMENT

150TH AVENUE SE
SE NEWPORT WAY TO SE 38TH STREET
ROADWAY IMPROVEMENTS - VOLUME 1

CITY MANAGER
BRAD MIYAKE

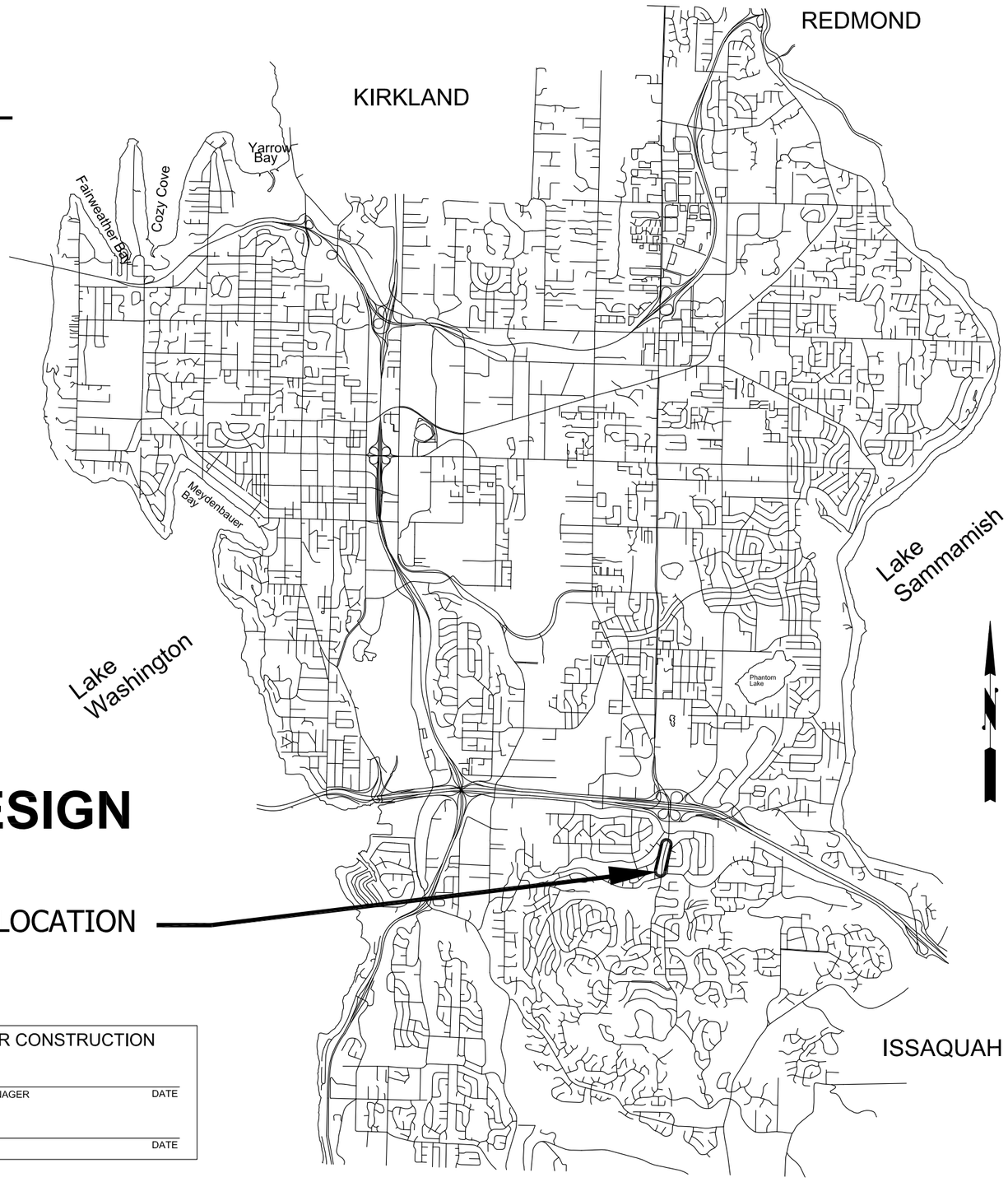
MAYOR
JOHN CHELMINIAK

DIRECTOR OF TRANSPORTATION
DAVID BERG

DEPUTY MAYOR
LYNNE ROBINSON

CITY COUNCIL
CONRAD LEE
JARED NIEUWENHUIS
JENNIFER ROBERTSON
JOHN STOKES
JANICE ZAHN

SCHEDULE OF DRAWINGS



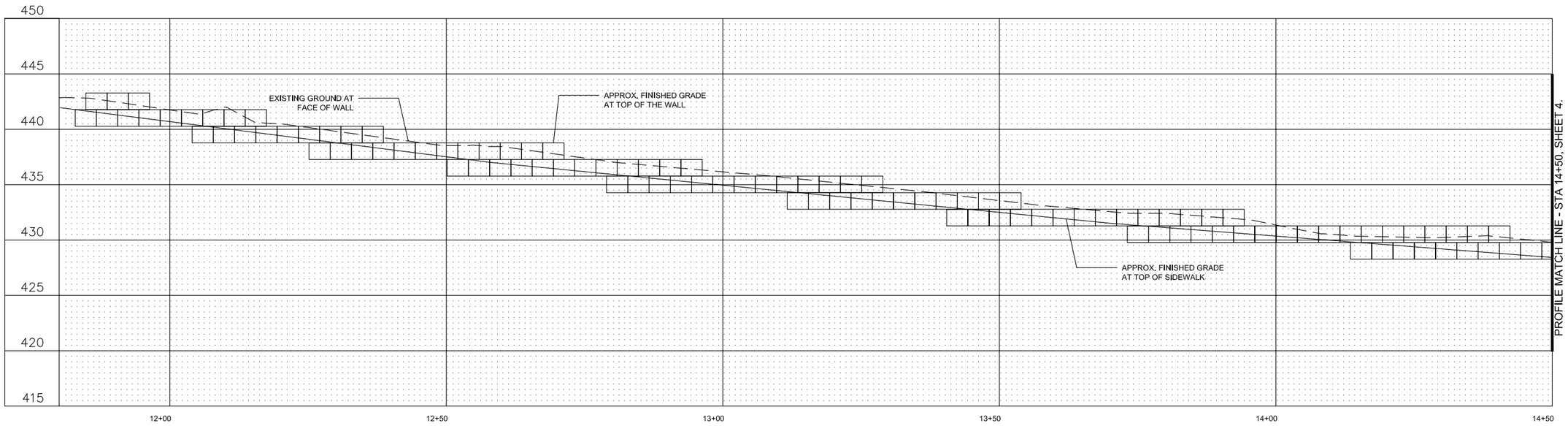
90% DESIGN

APPROVED FOR CONSTRUCTION

TRANSPORTATION DESIGN MANAGER _____ DATE

PROJECT MANAGER _____ DATE

C.I.P. NUMBER PW-M-19, PW-R-198 & PW-R-202
BID NUMBER 19XXX

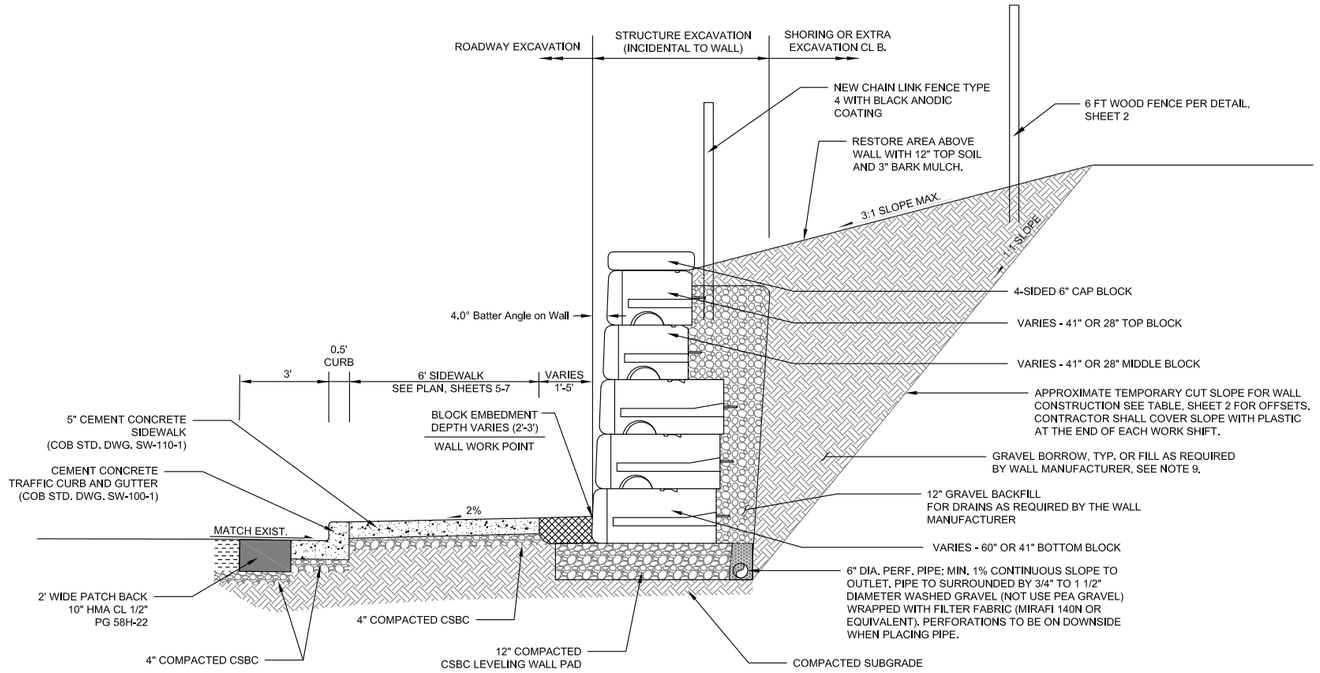


ENGINEERED GRAVITY BLOCK WALL PROFILE

STA. 11+90 TO STA. 14+50

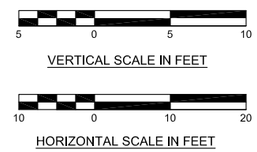
GENERAL ENGINEERED GRAVITY BLOCK WALL NOTES

1. ENTIRE WALL SHALL BE CONSTRUCTED WITH BLOCKS FROM THE SAME MANUFACTURER.
2. WALL BLOCKS SHALL BE REDI ROCK LEDGESTONE BLOCKS.
3. ALL WALLS SHALL HAVE CAP UNITS. WALL CAPS SHALL BE SECURED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
4. WALL ENDS SHALL BE TERMINATED WITH APPROPRIATE CORNER BLOCK WHERE NEEDED.
5. WALL SHALL CONSIST OF 60" AND 41" BLOCKS. THE CONFIGURATION AND LOCATION OF THE BLOCKS TO BE DETERMINED IN THE FINAL DESIGN PROVIDED BY THE CONTRACTOR.
6. BLOCKS SHALL BE STAINED WITH TINTE D' ACQUA "WALNUT" COLORED STAIN OR APPROVED EQUAL.
7. AFTER THE WALL IS STAINED, THE WALL SHALL BE SEALED WITH TAMMS "LUSTER SEAL WB" OR APPROVED EQUAL.
8. THE CONTRACTOR SHALL SUBMIT DESIGN PLANS FOR ALL WALLS AND TEMPORARY CUT SLOPE PREPARED BY A STATE OF WASHINGTON LICENSED PROFESSIONAL ENGINEER.
9. BACKFILL BEHIND 60 AND 41 BLOCKS MAY REQUIRE A HIGHER STRENGTH BACKFILL TO MEET WSDOT SEISMIC STANDARDS. THIS REQUIREMENT WILL BE DETERMINED BY THE CONTRACTOR'S WALL ENGINEER.



ENGINEERED GRAVITY BLOCK WALL DETAIL AND SIDEWALK TYPICAL SECTION

NOT TO SCALE



ENGINEERED GRAVITY BLOCK WALL - APPROXIMATE QUANTITIES

MAX. HEIGHT	8.0 FT
TOTAL WALL SF	4450 SF
PAYMENT SF	3600 SF

NO.	DATE	BY	APPR.	REVISIONS

D. Lam — DESIGNED BY — 01/19 DATE
D. Lam — DRAWN BY — 01/19 DATE
C. Masek — CHECKED BY — 01/19 DATE

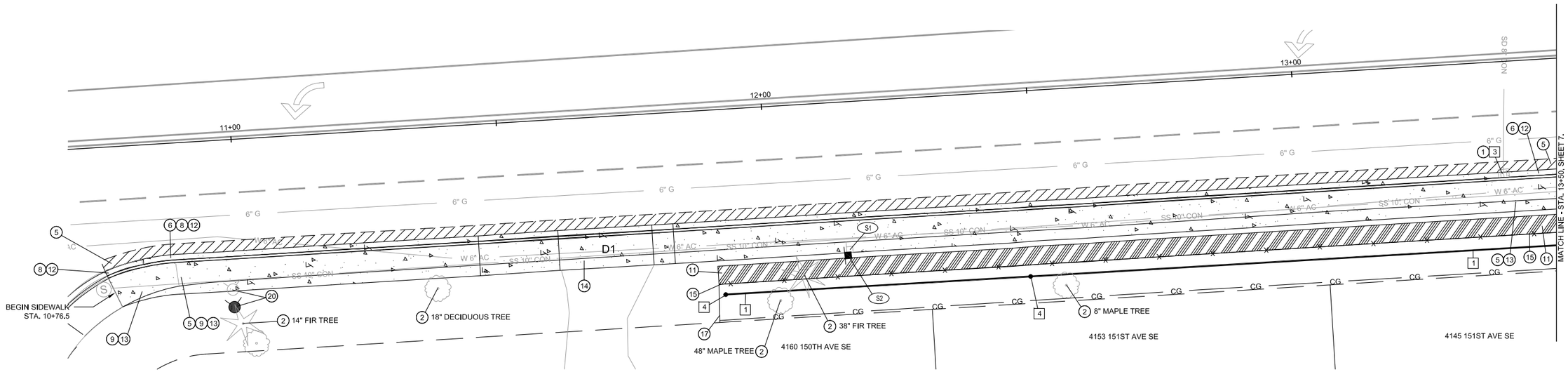
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

150TH AVENUE SE
SE NEWPORT WAY TO SE 38TH STREET
ROADWAY IMPROVEMENTS - VOLUME 1

WALL PROFILE AND DETAIL

SHT 3 OF 17



CONSTRUCTION NOTES

1. PROVIDE AND INSTALL CATCH BASIN INLET PROTECTION PER COB CLEAR & GRADE BMP C220.
2. REMOVE EXISTING TREE AND STUMP AS DIRECTED BY THE ENGINEER.
3. NOT USED THIS SHEET.
4. NOT USED THIS SHEET.
5. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT AS DIRECTED BY THE ENGINEER.
6. REMOVE EXISTING CEMENT CONCRETE TRAFFIC CURB AS DIRECTED BY THE ENGINEER.
7. NOT USED THIS SHEET.
8. REMOVE EXISTING CEMENT CONCRETE TRAFFIC CURB AND GUTTER AS DIRECTED BY THE ENGINEER.
9. REMOVE EXISTING CEMENT CONCRETE SIDEWALK AS DIRECTED BY THE ENGINEER.
10. NOT USED THIS SHEET.
11. CONSTRUCT ENGINEERED GRAVITY BLOCK WALL PER GRADING TABLE, SHEET 2, AND DETAILS AND PROFILE, SHEETS 3-5. RE-GRADE BEHIND NEW WALL PER GRADING TABLE, SHEET 2.
12. CONSTRUCT 18" CEMENT CONCRETE TRAFFIC CURB AND GUTTER AND PATCH BACK WITH HMA CL. 1/2" PG 58H-22 PER COB STD. DWG. SW-100-1 AND TYPICAL SECTION, SHEET 3.
13. CONSTRUCT CEMENT CONCRETE SIDEWALK, 5" DEPTH, OVER 4" COMPACTED CSBC PER COB STD. DWG. SW-110-1 AND TYPICAL SECTION DETAIL, SHEET 3.
14. CONSTRUCT CEMENT CONCRETE DRIVEWAY APPROACH AND DRIVEWAY. FOR DRIVEWAY SCHEDULE, DETAILS, AND PROFILES SEE SHEET 10.
15. CONSTRUCT 4 FT CHAIN LINK FENCE TYPE 4 WITH BLACK ANODIC COATING PER WSDOT STD. PLAN NO. L-20.10-02.
16. NOT USED THIS SHEET.
17. PROVIDE AND INSTALL CHAIN LINK WING PANEL. MATERIAL SHALL BE THE SAME AS THE CHAIN LINK FENCE. SEE DETAIL, SHEET 2.
18. NOT USED THIS SHEET.
19. NOT USED THIS SHEET.
20. RELOCATE EXISTING HYDRANT.

DRAINAGE NOTES

1. PROVIDE AND INSTALL 6" PERFORATED UNDERDRAIN PIPE BEHIND WALL PER REINFORCED BLOCK WALL DETAIL, SHEET 3.
2. NOT USED THIS SHEET.
3. ADJUST EXISTING MANHOLE OR CATCH BASIN TO FINISHED GRADE PER BELLEVUE STD. DWG. RC-250-1.
4. PROVIDE AND INSTALL CLEANOUTS BEHIND WALL AND ADJUST TO FINISHED GRADE PER BELLEVUE STD. DWG NO. D-52

GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF BELLEVUE.
3. CONTRACTOR SHALL MAINTAIN 10 FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
4. CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CHAIN LINK FENCE WITH PRIVACY SCREEN ON RIGHT OF WAY WHERE THE EXISTING FENCE IS REMOVED. TEMPORARY CHAIN LINK FENCE TO REMAIN IN PLACE UNTIL NEW PERMANENT FENCE IS INSTALLED.
5. CONTRACTOR SHALL POTHOLE EXISTING SEWER MAIN DURING CONSTRUCTION.

SCALE IN FEET
20 0 20 40

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	NEW/EX.	DESIGNATION	SIZE	COLOR	DESCRIPTION	REMARKS
S1	12+14	27.8' RT	EX.	R7-1	12x18	WHITE	NO PARKING ANYTIME	REMOVE SIGN, POST, AND FOUNDATION
S2	12+14	29.5' RT	NEW	R7-1	12x18	WHITE	NO PARKING ANYTIME	INSTALL NEW SIGN ON NEW POST

SIGN NOTES

1. FOR SIGN INSTALLATION DETAILS SEE COB STD. DWG. SG-100-1.
2. ALL REMOVED SIGNS SHALL REMAIN THE PROPERTY OF THE CITY OF BELLEVUE.

LEGEND

- 5" CEMENT CONCRETE SIDEWALK
- ENGINEERED GRAVITY BLOCK WALL
- 10" HMA CL. 1/2" PG 58H-22
- CITY OF BELLEVUE RIGHT-OF-WAY
- FENCE
- CG — APPROX. CLEAR AND GRUB LIMITS

NO.	DATE	BY	APPR.	REVISIONS

D. Lam 01/19 DESIGNED BY DATE
D. Lam 01/19 DRAWN BY DATE
C. Masek 01/19 CHECKED BY DATE

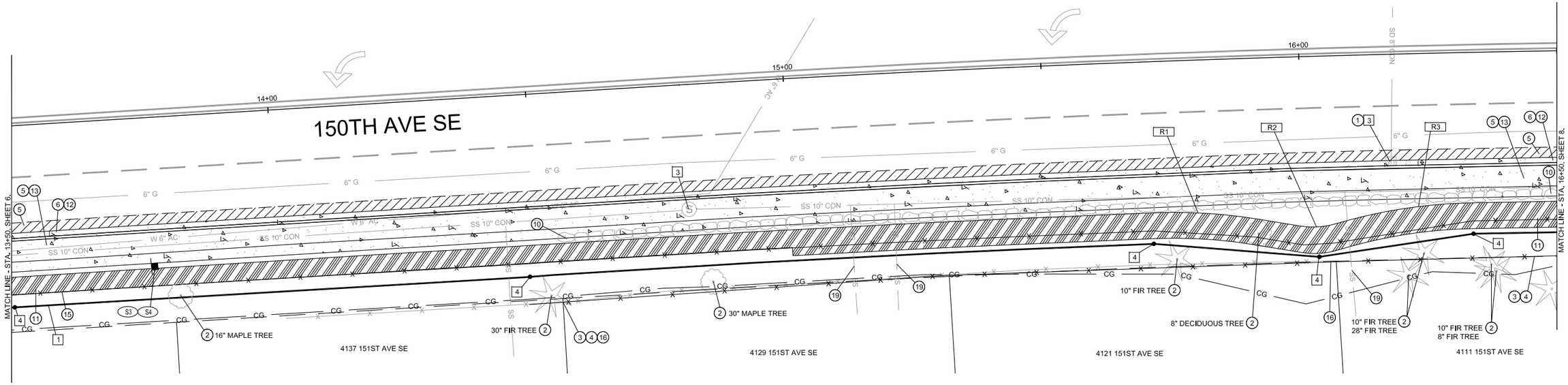
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

150TH AVENUE SE
SE NEWPORT WAY TO SE 38TH STREET
ROADWAY IMPROVEMENTS - VOLUME 1

CIVIL PLAN

SHT 6 OF 17



CONSTRUCTION NOTES

1. PROVIDE AND INSTALL CATCH BASIN INLET PROTECTION PER COB CLEAR & GRADE BMP C220.
2. REMOVE EXISTING TREE AND STUMP AS DIRECTED BY THE ENGINEER.
3. REMOVE AND DISPOSE OF EXISTING FENCE, POST, AND ANCHORS.
4. INSTALL TEMPORARY CHAIN LINK FENCE.
5. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT AS DIRECTED BY THE ENGINEER.
6. REMOVE EXISTING CEMENT CONCRETE TRAFFIC CURB AS DIRECTED BY THE ENGINEER.
7. NOT USED THIS SHEET.
8. NOT USED THIS SHEET.
9. NOT USED THIS SHEET.
10. REMOVE EXISTING ROCKERY AND EXCAVATE FOR ENGINEERED GRAVITY BLOCK WALL. EXACT LIMITS TO MATCH PROPOSED RETAINING WALL PER GRADING TABLE, SHEET 2, AND DETAILS & PROFILE, SHEETS 3-5.
11. CONSTRUCT ENGINEERED GRAVITY BLOCK WALL PER GRADING TABLE, SHEET 2, AND DETAILS AND PROFILE, SHEETS 3-5. RE-GRADE BEHIND NEW WALL PER GRADING TABLE, SHEET 2.
12. CONSTRUCT 18" CEMENT CONCRETE TRAFFIC CURB AND GUTTER AND PATCH BACK WITH HMA CL. 1/2" PG 58H-22 PER COB STD. DWG. SW-100-1 AND TYPICAL SECTION, SHEET 3.
13. CONSTRUCT CEMENT CONCRETE SIDEWALK, 5" DEPTH, OVER 4" COMPACTED CSBC PER COB STD. DWG. SW-110-1 AND TYPICAL SECTION DETAIL, SHEET 3.
14. NOT USED THIS SHEET.
15. CONSTRUCT 4 FT CHAIN LINK FENCE TYPE 4 WITH BLACK ANODIC COATING PER WSDOT STD. PLAN NO. L-20.10-02.
16. CONSTRUCT 6' WOOD FENCE PER DETAIL, SHEET 2.
17. PROVIDE AND INSTALL CHAIN LINK WING PANEL. MATERIAL SHALL BE THE SAME AS THE CHAIN LINK FENCE. SEE DETAIL, SHEET 2.
18. NOT USED THIS SHEET.
19. LOWER AND SLEEVE SIDE SEWER LATERAL PER COB STD. DWG. S-21.
20. NOT USED THIS SHEET.

DRAINAGE NOTES

1. PROVIDE AND INSTALL 6" PERFORATED UNDERDRAIN PIPE BEHIND WALL PER REINFORCED BLOCK WALL DETAIL, SHEET 3.
2. NOT USED THIS SHEET.
3. ADJUST EXISTING MANHOLE OR CATCH BASIN TO FINISHED GRADE PER BELLEVUE STD. DWG. RC-250-1.
4. PROVIDE AND INSTALL CLEANOUTS BEHIND WALL AND ADJUST TO FINISHED GRADE PER BELLEVUE STD. DWG NO. D-52

CURVE DATA

CURVE NO.	PC STATION/OFFSET	PT STATION/OFFSET	RADIUS	LENGTH	DELTA	TANGENT
R1	15+70.7, 29.3' RT	15+91.1, 31.2' RT	100.0	20.3	11°39'13"	10.2
R2	15+99.4, 32.8' RT	16+06.1, 32.6' RT	15.0	6.7	25°37'52"	3.4
R3	16+06.3, 32.5' RT	16+33.0, 29.1' RT	100.0	26.7	15°18'45"	13.4

GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF BELLEVUE.
3. CONTRACTOR SHALL MAINTAIN 10 FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
4. CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CHAIN LINK FENCE WITH PRIVACY SCREEN ON RIGHT OF WAY WHERE THE EXISTING FENCE IS REMOVED. TEMPORARY CHAIN LINK FENCE TO REMAIN IN PLACE UNTIL NEW PERMANENT FENCE IS INSTALLED.
5. CONTRACTOR SHALL POTHOLE EXISTING SEWER MAIN DURING CONSTRUCTION.

SCALE IN FEET
20 0 20 40

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	NEW/EX.	DESIGNATION	SIZE	COLOR	DESCRIPTION	REMARKS
S3	13+76	29.1' RT	EX.	R2-1	30x36	WHITE	SPEED LIMIT 30	REMOVE SIGN, POST, AND FOUNDATION
S4	13+76	29.1' RT	NEW	R2-1	30x36	WHITE	SPEED LIMIT 30	INSTALL NEW SIGN ON NEW POST

SIGN NOTES

1. FOR SIGN INSTALLATION DETAILS SEE COB STD. DWG. SG-100-1.
2. ALL REMOVED SIGNS SHALL REMAIN THE PROPERTY OF THE CITY OF BELLEVUE.

LEGEND

- 5" CEMENT CONCRETE SIDEWALK
- ENGINEERED GRAVITY BLOCK WALL
- 10" HMA CL. 1/2" PG 58H-22
- CITY OF BELLEVUE RIGHT-OF-WAY
- FENCE
- CG — APPROX. CLEAR AND GRUB LIMITS

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D. Lam 01/19 DRAWN BY DATE
C. Masek 01/19 CHECKED BY DATE

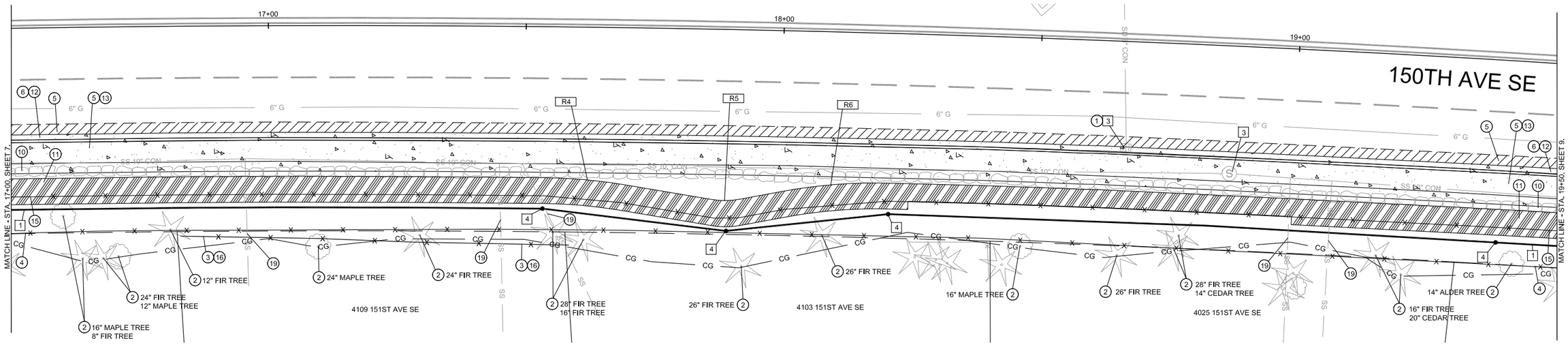
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

150TH AVENUE SE
SE NEWPORT WAY TO SE 38TH STREET
ROADWAY IMPROVEMENTS - VOLUME 1

CIVIL PLAN

SHT 7 OF 17



CONSTRUCTION NOTES

1. PROVIDE AND INSTALL CATCH BASIN INLET PROTECTION PER COB CLEAR & GRADE BMP C220.
2. REMOVE EXISTING TREE AND STUMP AS DIRECTED BY THE ENGINEER.
3. REMOVE AND DISPOSE OF EXISTING FENCE, POST, AND ANCHORS.
4. INSTALL TEMPORARY CHAIN LINK FENCE.
5. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT AS DIRECTED BY THE ENGINEER.
6. REMOVE EXISTING CEMENT CONCRETE TRAFFIC CURB AS DIRECTED BY THE ENGINEER.
7. NOT USED THIS SHEET.
8. NOT USED THIS SHEET.
9. NOT USED THIS SHEET.
10. REMOVE EXISTING ROCKERY AND EXCAVATE FOR ENGINEERED GRAVITY BLOCK WALL. EXACT LIMITS TO MATCH PROPOSED RETAINING WALL PER GRADING TABLE, SHEET 2, AND DETAILS & PROFILE, SHEETS 3-5.
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13. CONSTRUCT CEMENT CONCRETE SIDEWALK, 5" DEPTH, OVER 4" COMPACTED CSBC PER COB STD. DWG. SW-110-1 AND TYPICAL SECTION DETAIL, SHEET 3.
14. NOT USED THIS SHEET.
15. CONSTRUCT 4 FT CHAIN LINK FENCE TYPE 4 WITH BLACK ANODIC COATING PER WSDOT STD. PLAN NO. L-20.10-02.
16. CONSTRUCT 6' WOOD FENCE PER DETAIL, SHEET 2.
17. PROVIDE AND INSTALL CHAIN LINK WING PANEL. MATERIAL SHALL BE THE SAME AS THE CHAIN LINK FENCE. SEE DETAIL, SHEET 2.
18. NOT USED THIS SHEET.
19. LOWER AND SLEEVE SIDE SEWER LATERAL PER COB STD. DWG. S-21.
20. NOT USED THIS SHEET.

DRAINAGE NOTES

1. PROVIDE AND INSTALL 6" PERFORATED UNDERDRAIN PIPE BEHIND WALL PER REINFORCED BLOCK WALL DETAIL, SHEET 3.
2. NOT USED THIS SHEET.
3. ADJUST EXISTING MANHOLE OR CATCH BASIN TO FINISHED GRADE PER BELLEVUE STD. DWG. RC-250-1.
4. PROVIDE AND INSTALL CLEANOUTS BEHIND WALL AND ADJUST TO FINISHED GRADE PER BELLEVUE STD. DWG NO. D-52

CURVE DATA

CURVE NO.	PC STATION/OFFSET	PT STATION/OFFSET	RADIUS	LENGTH	DELTA	TANGENT
R4	17+53.6, 29.2' RT	17+69.4, 30.4' RT	100.0	15.7	9°1'13"	7.9
R5	17+86.7, 33.0' RT	17+92.0, 32.8' RT	15.0	5.2	19°57'25"	2.6
R6	18+00.2, 31.1' RT	18+21.0, 29.0' RT	100.0	20.8	11°55'42"	10.5

GENERAL NOTES

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4. CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CHAIN LINK FENCE WITH PRIVACY SCREEN ON RIGHT OF WAY WHERE THE EXISTING FENCE IS REMOVED. TEMPORARY CHAIN LINK FENCE TO REMAIN IN PLACE UNTIL NEW PERMANENT FENCE IS INSTALLED.
5. CONTRACTOR SHALL POTHOLE EXISTING SEWER MAIN DURING CONSTRUCTION.

SCALE IN FEET
20 0 20 40

LEGEND

- 5" CEMENT CONCRETE SIDEWALK
- ENGINEERED GRAVITY BLOCK WALL
- 10" HMA CL. 1/2" PG 58H-22
- CITY OF BELLEVUE RIGHT-OF-WAY
- FENCE
- CG — APPROX. CLEAR AND GRUB LIMITS

NO.	DATE	BY	APPR.	REVISIONS

D. Lam 01/19 DESIGNED BY DATE
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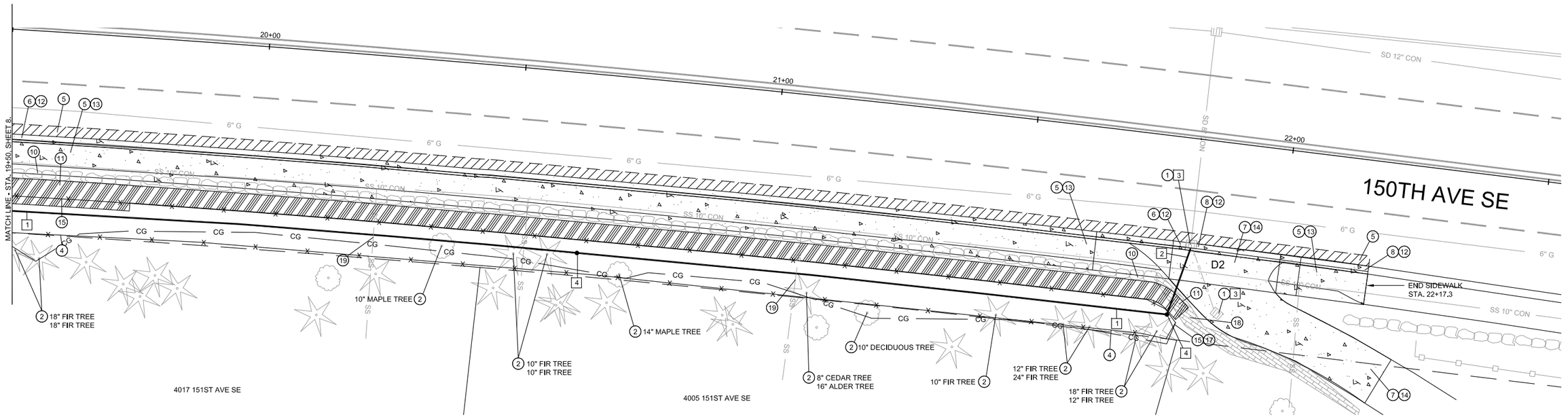
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

150TH AVENUE SE
SE NEWPORT WAY TO SE 38TH STREET
ROADWAY IMPROVEMENTS - VOLUME 1

CIVIL PLAN

SHT 8 OF 17



CONSTRUCTION NOTES

1. PROVIDE AND INSTALL CATCH BASIN INLET PROTECTION PER COB CLEAR & GRADE BMP C220.
2. REMOVE EXISTING TREE AND STUMP AS DIRECTED BY THE ENGINEER.
3. NOT USED THIS SHEET.
4. INSTALL TEMPORARY CHAIN LINK FENCE.
5. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT AS DIRECTED BY THE ENGINEER.
6. REMOVE EXISTING CEMENT CONCRETE TRAFFIC CURB AS DIRECTED BY THE ENGINEER.
7. REMOVE EXISTING CEMENT CONCRETE DRIVEWAY OR DRIVEWAY APPROACH.
8. REMOVE EXISTING CEMENT CONCRETE TRAFFIC CURB AND GUTTER AS DIRECTED BY THE ENGINEER.
9. NOT USED THIS SHEET.
10. REMOVE EXISTING ROCKERY AND EXCAVATE FOR ENGINEERED GRAVITY BLOCK WALL. EXACT LIMITS TO MATCH PROPOSED RETAINING WALL PER GRADING TABLE, SHEET 2, AND DETAILS & PROFILE, SHEETS 3-5.
11. CONSTRUCT ENGINEERED GRAVITY BLOCK WALL PER GRADING TABLE, SHEET 2, AND DETAILS AND PROFILE, SHEETS 3-5. RE-GRADE BEHIND NEW WALL PER GRADING TABLE, SHEET 2.
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13. CONSTRUCT CEMENT CONCRETE SIDEWALK, 5" DEPTH, OVER 4" COMPACTED CSBC PER COB STD. DWG. SW-110-1 AND TYPICAL SECTION DETAIL, SHEET 3.
14. CONSTRUCT CEMENT CONCRETE DRIVEWAY APPROACH AND DRIVEWAY. FOR DRIVEWAY SCHEDULE, DETAILS, AND PROFILES SEE SHEET 10.
15. CONSTRUCT 4 FT CHAIN LINK FENCE TYPE 4 WITH BLACK ANODIC COATING PER WSDOT STD. PLAN NO. L-20.10-02.
16. NOT USED THIS SHEET.
17. PROVIDE AND INSTALL CHAIN LINK WING PANEL. MATERIAL SHALL BE THE SAME AS THE CHAIN LINK FENCE. SEE DETAIL, SHEET 2.
18. RECONSTRUCT EXISTING BLOCK WALL PER DETAIL, SHEET 2.
19. LOWER AND SLEEVE SIDE SEWER LATERAL PER COB STD. DWG. S-21.
20. NOT USED THIS SHEET.

DRAINAGE NOTES

1. PROVIDE AND INSTALL 6" PERFORATED UNDERDRAIN PIPE BEHIND WALL PER REINFORCED BLOCK WALL DETAIL, SHEET 3.
2. PROVIDE AND INSTALL 6" SOLID WALLD RAIN PIPE PER COB STD DWG. D-25 AND D-46.
3. ADJUST EXISTING MANHOLE OR CATCH BASIN TO FINISHED GRADE PER BELLEVUE STD. DWG. RC-250-1.
4. PROVIDE AND INSTALL CLEANOUTS BEHIND WALL AND ADJUST TO FINISHED GRADE PER BELLEVUE STD. DWG NO. D-52

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SCALE IN FEET
20 0 20 40

LEGEND

- 5" CEMENT CONCRETE SIDEWALK
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150TH AVENUE SE
SE NEWPORT WAY TO SE 38TH STREET
ROADWAY IMPROVEMENTS - VOLUME 1

CIVIL PLAN

SHT 9 OF 17

Figure 6. Project Impacts to Steep Slope Areas

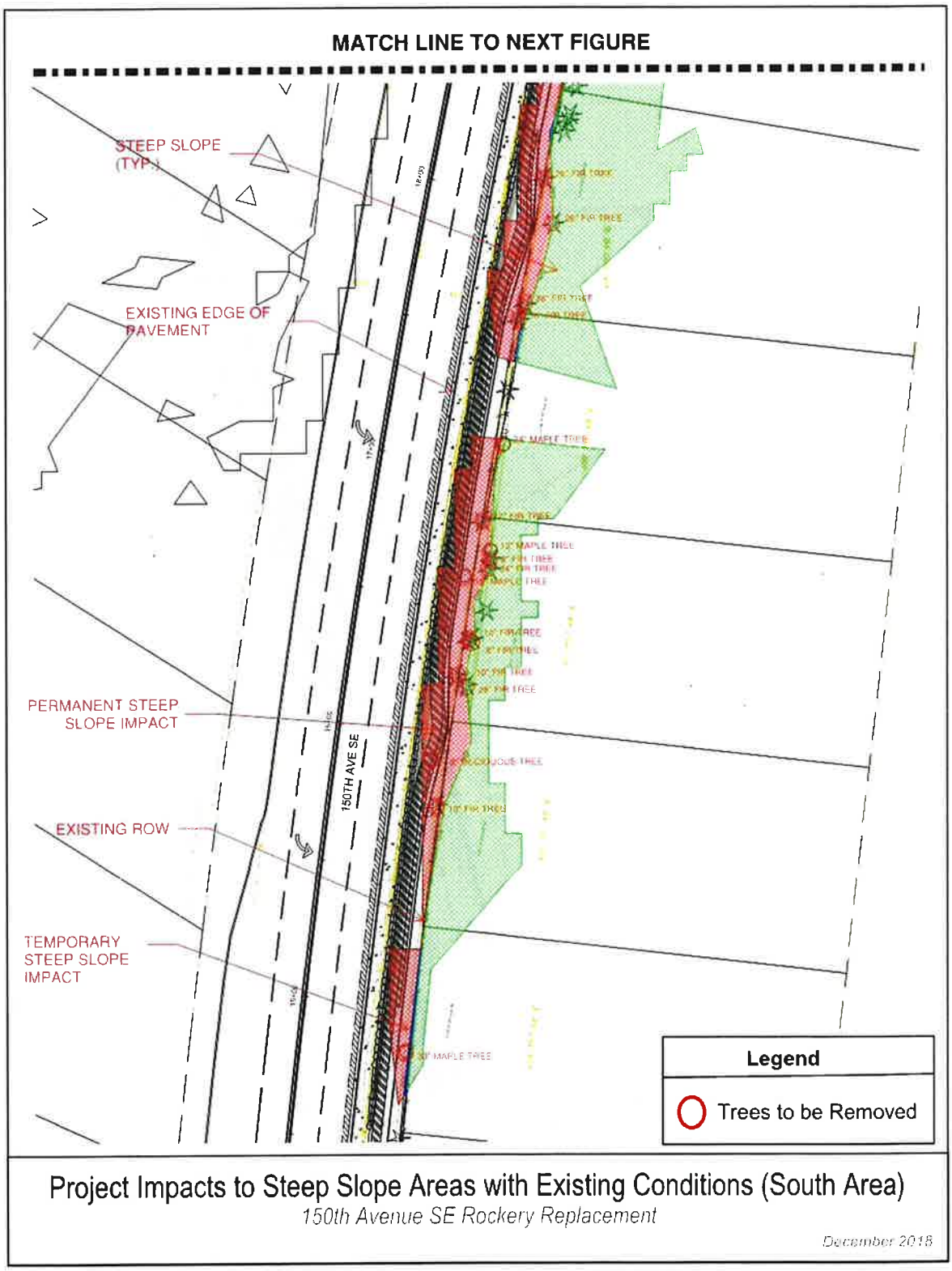

Figure 7. Project Impacts to Steep Slope Areas